

Message

From: Bleiler, Justin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=466A8C6A7305405187C162239EA54E8E-BLEILER, JU]
Sent: 6/4/2018 6:50:33 PM
To: Barrios, Juan D [Juan.D.Barrios@wv.gov]
CC: Jason.S.McDougal_wv.gov [Jason.S.McDougal@wv.gov]
Subject: RE: Needleseye

Juan,

Here are answers to your questions:

- Please provide GPS data in a shape file along with the coordinate system.
- We intend to collect two sediment samples at each portal.
- As far as sampling methodology, we would collect sediment samples in a similar fashion to those we collected in Arbuckle. Unless conditions at the portal require a different sampling method, which we would determine while we're out there.
- I think your LiDAR suggestion makes sense. Could you do that and make recommendations for where we could collect ~5 samples in the slate dump area?

Thanks!

Justin Bleiler
Site Assessment Manager, HSCD
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From: Barrios, Juan D [mailto:Juan.D.Barrios@wv.gov]
Sent: Monday, June 04, 2018 12:44 PM
To: Bleiler, Justin <Bleiler.Justin@epa.gov>
Cc: Jason.S.McDougal_wv.gov <Jason.S.McDougal@wv.gov>
Subject: RE: Needleseye

Hi Justin,

Last Thursday a manager for AML and I went for a site inspection in Minden. We found two portals on the Berwyn Land Co property. We have marked the locations for two sediments samples (total 4 possible samples). Also, we visited the house with the mudslide. How do you want the locations identified for you – latitude & longitude or shapefile?

Regarding Needles eye I have two basic questions:

1. How many samples do you plan to take? and
2. How do you plan to sample?

The Needles Eye location is approximately 3.5 acres. I suggest the use of the LiDAR for feature extraction, for the other area of Needles Eye to use a grid or randomly generated locations, kind of a hybrid model.

I have most of the work done for the sample location, please let me know what you want me to do.

Regards,

Juan de Dios Barrios, Ph.D., GISP.

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From: Bleiler, Justin <Bleiler.Justin@epa.gov>
Sent: Monday, June 4, 2018 11:58 AM
To: Barrios, Juan D <Juan.D.Barrios@wv.gov>
Cc: McDougal, Jason S <Jason.S.McDougal@wv.gov>
Subject: Needleseye

Hi Juan,

I hope you've been well. Have you had the chance to talk to the AML program and nail down the locations of the Needleseye mine portals?

Thanks,

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